

139873

**SEARCH REQUEST FORM** Scientific and Technical Information Center - EIC2800  
 Rev. 3/13/2004 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEP-4B68, 272-2511.

Date 11/29/04 Serial # 091849, 539 Priority Application Date \_\_\_\_\_  
 Your Name M. Lewis Examiner # \_\_\_\_\_  
 AU 2879 Phone 272-1835 Room 5A30  
 In what format would you like your results? Paper is the default. ☒ PAPER ☐ DISK ☐ EMAIL

If submitting more than one search, please prioritize in order of need. *needed before*  
272

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What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 13, 16, 17 & 52-59

Problem: See pages 2 & 3

Solution: " " 3 & 4

Base

Please do an updated

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Searcher Location: STIC-EIC2800, JEP-4B68

Date Searcher Picked Up: 12-03-04

Date Completed: 12-03-04

Searcher Prep/Rev #/Time: 40

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**Type of Search**

Structure (#) \_\_\_\_\_

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Set	Items	Description
S1	23329	BGA? ? OR BALL(2N)GRID?
S2	1841490	DIE? ?
S3	6999	CONTACT()PAD?
S4	11285	SOLDER(2N)BALL?
S5	14121	(HEAT? OR TEMP? OR THERMAL?) (3N)SPREAD?
S6	1838	RING()STIFF?
S7	0	S5 AND S6
S8	376	S1 AND (S5 OR S6)
S9	214	S8 AND (BUMP? OR S2 OR S3 OR S4)
S10	115	S9 AND S4
S11	6	S10 AND S3
S12	6	RD (unique items)
S13	3033	CONDUCT?(3N)BUMP?
S14	4389	NON()ACTIVE?
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